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United States  
Department of  
Agriculture

Soil  
Conservation  
Service

Salt Lake City  
Utah



# WATER SUPPLY OUTLOOK FOR UTAH

in Cooperation with Utah State Department  
of Natural Resources



October 1, 1984



## TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent of surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1,900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

## PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

<u>STATE</u>	<u>ADDRESS</u>
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025
Colorado (N. Mexico)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th St., Boise, Idaho 83702
Montana	P. O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno, Nevada 89505
Oregon	1220 S. W. Third Ave., Portland, Oregon 97204
Utah	4418 Federal Bldg., 125 South State St., Salt Lake City, Utah 84147
Washington	360 U. S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

## PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Snow Surveys Branch, California Department of Water Resources, P. O. Box 388, Sacramento, California 95802 -- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 -- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 -- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.



# **WATER SUPPLY OUTLOOK FOR UTAH**

**and  
FEDERAL-STATE-PRIVATE COOPERATIVE SNOW SURVEYS**

**Issued by**

**PETER C. MYERS  
CHIEF  
SOIL CONSERVATION SERVICE  
WASHINGTON, D.C.**



**Released by**

**FRANCIS T. HOLT  
STATE CONSERVATIONIST  
SOIL CONSERVATION SERVICE  
SALT LAKE CITY, UTAH**

**In Cooperation with**

<b>UTAH STATE DEPARTMENT OF NATURAL RESOURCES</b>	
<b>DEE C. HANSEN</b>	<b>DANIEL F. LAWRENCE</b>
<b>State Engineer</b>	<b>Director</b>
<b>Division of Water Rights</b>	<b>Division of Water Resources</b>



**Report prepared by Snow Survey Staff**

**BOB L. WHALEY, Supervisor**

**Soil Conservation Service  
125 So. State, Fed. Bldg.  
P.O. Box 11350  
Salt Lake City, Utah 84147**

As Of October 1, 1984

\* \* \* \* \*

\* Utah's 1984 season provided adequate or better water \*  
 \* supplies for all uses. Again this year flooding \*  
 \* occurred in central and northern Utah and structures are\*  
 \* still being repaired. A wetter than usual summer and \*  
 \* fall reduced irrigation water needs and leaves the \*  
 \* state's reservoirs at 92% of capacity and fall soil \*  
 \* moisture wetter than average in much of the state. \*  
 \* Streamflow forecasts last June 1 were generally less \*  
 \* than observed flows in the northern two-thirds of the \*  
 \* state and higher than observed flows in the southern \*  
 \* one-third of the state. \*

\* \* \* \* \*

Snow melt occurred normally this year, starting about mid April and completing most melt by about June 1 to June 15. Some high shaded areas on the north and east slopes still have snow that will not melt this year.

July-September precipitation was heavier than normal again this year delaying some crop harvest and damaging crops and local areas along stream channels.

Reservoir storage is 157% of the October 1st 20-year average and 92% of useable capacity. Some reservoirs are releasing water to make space for next year's run-off.

The following table is a comparison of forecasts make on May 1 and June 1 with provisional flow measured by the U. S. Geological Survey.

<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>June 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>	
<u>BEAR RIVER</u>				<u>1984</u>	<u>1983</u>
Bear nr Woodruff	May-July	220	209	237	236
Logan nr Logan (combined)	May-July	122	125	192	153
Blacksmith Fk nr Hyrum	May-July	58	59	104	74
Little Bear nr Paradise	May-June	38	38	72	72
<u>WEBER-OGDEN RIVERS</u>					
Weber nr Oakley	May-June	120	120	146	138
Rockport Reservoir Inflow	May-June	128	128	168	154
Chalk Creek nr Coalville	May-June	53	53	67	58
Weber nr Coalville	May-June	134	134	173	167
Lost Creek nr Croydon	May-June	24	30	30	34
East Cyn. Creek nr Morgan	May-June	37	40	45	43
Echo Reservoir Inflow	May-June	182	182	196	190
Weber River nr Gateway	May-June	374	383	506	474
South Fk Ogden nr Huntsville	May-June	65	82	90	81
Pineview Reservoir Inflow	May-June	129	158	239	161



<u>Station</u>	<u>Forecast Period</u>	<u>May 1 Forecast (1000 A. F.)</u>	<u>June 1 Forecast (1000 A. F.)</u>	<u>Measured Flow for the Period (1000 A. F.)</u>	
				<u>1984</u>	<u>1983</u>
<u>PROVO-UTAH LAKE</u>					
Little Cottonwood Ck. nr SLC	May-July	53	53	58	61
Big Cottonwood Ck. nr SLC	May-July	54	54	54	57
Parley's Ck. nr SLC	May-July	28	30	31	35
Mill Ck. nr SLC	May-July	12.0	13.0	12.9	12.1
Emigration Ck. nr SLC	May-July	7.0	8.0	8.5	10.4
City Ck. nr SLC	May-July	13.5	14.5	16.1	19.7
S. Willow Ck. nr Grantsville	May-July	4.0	4.0	5.9	3.9
Vernon Ck. nr Vernon	May-June	1.6	1.6	2.2	3.5
Provo River nr Hailstone	May-July	150	160	161	151
Strawberry Reservoir Inflow	May-July	56	98	need July	141
<u>UINTAH BASIN &amp; DAGGETT SCD'S</u>					
Duchesne nr Tabiona	May-July	116	114	134	132
Duchesne at Myton	May-July	350	340	314	--
Strawberry at Duchesne	May-July	80	79	141	162
Currant Creek nr Fruitland	May-July	26	30	47	49
Whiterocks nr Whiterocks	May-July	72	63	56	109
<u>SEVIER RIVER INCL. BEAVER RIVER</u>					
Sevier at Hatch	May-July	47	47	39	129
Beaver nr Beaver	May-July	54	51	47	70
Oak Creek nr Oak City	May-July	2.0	1.9	2.6	3.5
Chicken Creek nr Levan	May-July	7.0	7.0	Not Avail.	
<u>SAN RAFAEL, MUDDY, VIRGIN, AND FREMONT RIVERS INCL. MILL CK. NR MOAB</u>					
Cottonwood Ck. nr Orangeville	May-July	96	102	159	151
Ferron nr Ferron	May-July	74	75	77	73
Muddy Creek nr Emery	May-July	34	34	44	43
Seven Mile Creek nr Fish Lake	May-July	12.1	12.2	14.7	23
Mill Creek nr Moab	May-July	8.0	7.3	17.4	11.9
Virgin nr Hurricane	May-June	25	20	21	171
Coal Ck. nr Cedar City	May-July	19.0	19.0	16.3	54

## RESERVOIR STORAGE (Thousand Acre Feet) END OF MONTH

Basin or Stream	RESERVOIR	Usable Capacity	Usable Storage		
			This Year	Last Year	Average†
GREAT BASIN					
<u>Bear River</u>	Bear Lake	1421.0	1279.1	1319.1	1012.8
	Woodruff Narrows	55.8	55.1	57.3	--
	Woodruff Creek	4.0	--	4.0	--
<u>Beaver River</u>	Minersville (RkyFd)	26.0	15.2	18.3	4.9
<u>Little Bear</u>	Hyrum	15.3	14.0	15.2	7.4
	Porcupine	11.3	5.0	3.6	1.8 <sup>b</sup>
<u>Ogden</u>	Causey	6.9	3.4	5.0	1.8 <sup>b</sup>
	Pineview	110.1	80.6	90.6	52.7
<u>Provo</u>	Deer Creek	149.7	125.7	139.2	85.9 <sup>b</sup>
<u>Settlement Creek</u>	Settlement Creek	1.2		1.0	0.3 <sup>b</sup>
	Vernon Creek	0.6	0.6	0.6	0.1 <sup>b</sup>
<u>Sevier River</u>	Gunnison	18.2	15.6	13.8	3.9 <sup>b</sup>
	Otter Creek	52.5	49.4	48.4	16.8
	Piute	71.8	44.7	52.4	11.7
	Sevier Bridge	236.0	113.4	100.6	55.3
	Panguitch Lake	22.3	20.5	19.2	--
<u>Spanish Fork</u>	Strawberry	270.0	268.3	271.7	132.0
<u>Utah Lake</u>	Utah Lake	883.9	1114.9	1152.3	516.6
<u>Weber</u>	East Canyon	48.1	41.2	39.8	31.6 <sup>b</sup>
	Echo	73.9	38.5	27.5	23.9
	Lost Creek	20.0	15.3	14.3	13.1 <sup>b</sup>
	Rockport	60.9	57.9	55.0	40.6
	Willard Bay	193.3	157.4	152.5	152.6 <sup>b</sup>
COLORADO R. BASIN					
<u>Ashley Creek</u>	Steinaker	33.3	22.8	22.1	16.1 <sup>b</sup>
	Red Fleet	26.0	19.4	22.0	--
<u>Colorado</u>	Blue Mesa	829.5	789.5	740.0	--
	Lake Powell	25002.0	24328.0	24800.0	--
<u>Green</u>	Flaming Gorge	3749.0	3683.4	3675.0	--
<u>Lakefork</u>	Moon Lake	35.8	20.2	24.8	9.1
<u>Price River</u>	Scofield	65.8	43.9	50.1	30.4
<u>San Juan</u>	Navajo	1696.0	1632.8	1617.0	--
	Ken's Lake	2.3	0.2	1.5	--
<u>San Rafael</u>	Huntington North	3.9	2.7	2.9	1.2 <sup>b</sup>
	Joe's Valley	54.6	42.3	41.6	44.3 <sup>b</sup>
	Mill Site	16.7	9.3	10.3	2.8 <sup>b</sup>
<u>Strawberry</u>	Starvation	165.3	154.3	156.6	104.6 <sup>b</sup>
	Soldier Creek	951.4	43.6	97.0	--
<u>Uintah</u>	Bottle Hollow	11.3	--	11.1	10.1 <sup>b</sup>



# UTAH PRECIPITATION DATA

## 1984 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
<b>B E A R R I V E R B A S I N</b>									
BUG LAKE	12/30 19.17	1/28 2.50	3/01 1.60	3/29 2.60	4/27 3.40	5/29 2.00	7/02 2.44	10/02 5.80	39.51
BURTS-MILLER	1/06 7.40	1/30 0.49	3/01 0.60	4/03 2.73	4/28 1.97	5/28 1.39	6/26 2.26	9/25 7.00	23.92
CLARKSTON MTN								10/03	43.26
FRANKLIN BASIN	1/31 23.90	2/01 4.10	3/01 3.80	4/01 3.70	5/01 5.30	6/01 4.10	7/01 4.00	10/01 8.40	57.30
GARDEN CRY SMT	1/09 17.81	1/27 1.98	3/01 1.15	3/29 2.07	4/27 3.30	5/29 2.39	7/02 2.55	10/02 7.54	38.79
GEORGE PEAK									
HAYDEN FORK	1/06 16.56	1/30 1.30	3/02 1.31	4/03 4.69	4/28 2.33	5/28 2.80	6/20 3.53	9/25 8.35	40.87
MERO HOLLOW								10/03	41.15
LILY LAKE	1/06 13.61	1/31 1.00	3/01 1.29	4/03 4.07	4/28 2.66	5/28 2.14	6/26 3.14	9/25 8.65	36.56
LITTLE BEAR UP	1/03 22.34	1/29 0.73	2/22 3.13	3/28 2.69	4/24 3.28	5/30 2.92	6/19 3.05	10/02 7.01	45.15
KLONDINE MANS	12/29 18.62	1/27 1.74	3/02 2.57	3/29 2.17	4/27 2.55	5/29 2.71	7/02 4.31	9/25 7.08	41.75
MONTE CRISTO	12/30 21.47	1/28 1.90	3/01 2.23	3/28 3.59	4/24 3.96	5/29 3.91	6/21 3.94	10/09 6.62	47.62
SALT RIVER SMT	12/29 12.50	1/30 1.81	2/27 2.10	3/29 2.30	4/26 2.80	5/28 1.25	6/26 3.05	9/25 9.19	32.03
STILLWATER CMP	1/06 11.41	1/30 0.70	3/02 1.08	4/30 3.14	4/28 2.21	6/01 3.80	7/01 3.60	10/01 7.50	65.30
TOMY GROVE LK	1/01 32.00	2/01 0.40	3/01 5.60	4/01 6.80	5/01 5.60	5/29 2.43	7/12 2.49	10/01 8.87	41.11
TOMY GROVE RS	1/09 19.60	1/27 1.27	3/01 1.93	3/29 2.14	4/29 2.38	5/31 3.73	6/28 4.24	9/28 7.80	52.56
WILLOW FLAT	12/29 23.13	1/27 2.15	2/29 3.15	3/29 4.03	4/27 4.33	5/31 3.73	6/28 4.24	9/28 7.80	52.56
<b>M E B E R - O G G E N R I V E R B A S I N S</b>									
BEN LOMOND PK	1/01 54.50	2/01 5.60	3/01 10.70	4/01 8.10	5/01 5.40	6/01 2.80	7/01 7.50	10/01 16.00	10.60
CAUSEY DAM	12/30 13.76	1/23 0.82	3/01 1.13	3/28 1.43	4/24 1.29	5/29 2.06	7/01 5.17	10/09 8.71	29.20
CHALK CREEK 1	1/06 18.70	1/30 1.20	3/02 4.12	3/31 3.75	4/27 4.94	5/29 2.94	7/01 5.17	9/26 11.50	52.32
CHALK CREEK 2	1/06 12.40	1/30 0.80	3/02 2.12	3/31 3.00	4/27 3.31	5/29 2.94	6/27 3.08	9/26 8.15	35.60
CHALK CREEK 3	1/06 14.15	1/30 0.87	3/02 1.37	3/31 2.36	4/27 3.15	5/28 1.42	6/27 3.79	9/26 7.84	34.95
DRY BREAD POND	12/30 18.00	1/28 2.30	3/01 1.90	3/28 2.10	4/24 2.00	5/29 2.70	7/01 3.70	10/01 4.50	37.20
FARMINGTON GS	1/03 23.17	1/26 2.43	3/02 3.50	3/28 3.50	4/24 4.64	5/28 4.80	7/01 2.30	10/24 5.35	49.69
FARMINGTON LWR	1/03 26.35	1/26 2.45	3/02 3.46	3/28 3.47	4/24 4.95	5/28 5.30	7/01 5.10	10/24 11.90	62.98
FRANCIS CANYON							7/09 24.95	10/09 4.70	29.65
GUILDERS PEAK	1/10 23.86	1/26 1.65	3/01 2.23	3/28 3.51	4/24 2.83	5/28 3.70	7/10 4.22	10/09 5.90	39.10
HORSE RIDGE	12/30 11.60	1/26 0.72	3/01 0.71	3/28 1.06	4/24 0.91	5/29 2.41	7/09 2.94	10/09 5.00	47.20
LOST CREEK	12/29 20.85	1/27 1.41	2/29 2.85	3/28 3.79	4/26 4.74	5/30 2.37	7/01 5.80	10/09 8.14	26.15
PARLEY CYN SMT								9/26	49.95
PINE CANYON								9/26	39.51
PORCUPINE								9/26	37.19
REDDEN MINE LW	1/06 11.74	1/30 1.05	2/28 2.38	3/31 3.77	4/27 4.20	5/28 1.63	6/25 3.70	9/27 7.32	35.79
SAGEBRUSH FLAT	12/30 11.77	1/28 1.00	3/01 1.00	3/28 1.45	4/24 0.97	5/29 2.12	6/21 2.82	10/09 6.20	27.33

NOTE: BLANK SPACES INDICATE NO READING TAKEN. NEXT READING IS CUMULATIVE (EXCEPT AS NOTED) \*  
 #: GAGE MOLESTED, DATA FOR THIS PERIOD LOST



# UTAH PRECIPITATION DATA

1964 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
SERGEANT LAKES									
SM+MOREHOUSE	1/06 14.20	1/30 0.99	3/02 2.28	3/31 3.33	4/27 3.15	5/28 1.80	6/25 35.05	9/26 7.55	42.60
BEN LOMOND TRL	1/03 31.74	2/03 1.41	3/02 3.62	3/28 2.75	4/24 2.87	5/30 3.24	6/19 5.25	10/09 8.35	59.43
UTAH LAKE - JORDAN RIVER BASIN									
BEAVER DIVIDE	1/01 15.80	2/01 0.80	3/01 0.80	4/01 2.70	5/01 3.90	6/01 1.00	7/01 2.70	10/01 10.80	38.50
CLEAR CR RDG 2	1/05 13.90	1/31 0.78	2/27 2.12	3/29 3.08	4/28 4.20	5/27 1.43	7/02 4.24	10/03 8.35	38.10
DANIEL-STR SMT	1/06 15.95	1/26 0.80	2/28 1.86	3/30 2.77	4/28 1.95	5/27 2.65	6/27 3.96	10/01 7.59	37.53
DESERET PEAK	12/30 17.67	1/31 1.16	2/28 1.95	3/30 2.30	4/30 2.85	6/01 1.46	7/01 3.91	9/26 5.60	61.81
EAST PORTAL	1/06 16.60	1/26 1.40	2/23 1.93	3/30 2.92	4/28 3.58	5/27 1.41	6/29 3.54	10/01 5.60	36.90
MOBILE CK SMT							6/25 36.09	9/24 8.40	36.98
LAKE CREEK								10/03 16.48	44.49
LAMBS CANYON	12/29 15.24	1/27 0.85	2/29 2.00	3/28 2.70	4/26 4.27			10/24 9.67	41.54
MIDDLE CANYON	1/01 16.30	1/26 1.77	2/23 2.65	4/03 13.05	4/30 7.38			10/02 8.05	46.40
PAYSON RS	12/28 16.82	1/26 1.90	3/01 3.90	4/01 5.80	5/01 9.70	6/01 2.30	7/01 5.30	10/01 7.10	45.08
ROCKY BASIN-SC	1/01 20.80	1/31 0.80	2/28 1.54	3/31 2.84	4/27 3.02	5/28 1.44	6/26 3.27	9/25 7.18	56.60
SOAPSTONE RS	1/05 15.75	1/31 1.70	3/01 3.30	4/01 3.00	5/01 3.10	6/01 1.70	7/01 4.10	10/01 8.60	35.84
TIMPANOGOS DIV	1/01 17.90	2/01 0.93	3/02 2.63	3/31 3.27	4/28 4.03	5/29 2.35	6/26 4.23	9/25 9.60	43.40
TRIAL LAKE	1/05 21.42	2/01 1.75	3/01 1.80	4/01 1.80	4/29 3.50	6/01 1.20	7/01 2.20	10/01 2.20	48.46
VERNON CREEK	12/29 14.95								29.40
DUCHE SNE - GREEN RIVER BASIN									
ATWOOD LAKE	1/01 10.50	2/01 0.10	3/01 0.60	4/01 1.60	5/01 4.10	6/01 0.50	7/01 1.40	10/01 9.80	28.80
BLACKS FM JCT	1/06 10.68	1/31 0.82	3/02 0.72	4/03 2.70	4/28 2.40	5/28 1.92	6/26 2.11	9/25 8.74	30.09
BROWN DUCK RDG	1/06 16.69	2/02 0.70	2/29 2.70	4/02 2.88	4/28 2.93	5/28 1.26	7/11 2.78	9/27 9.05	38.99
BUCK PASTURE								10/01 43.14	
BURNT CREEK	12/30 9.80	1/27 0.40	2/29 1.00	3/28 2.00	4/30 3.75	5/31 1.25	6/28 2.20	9/26 8.05	28.45
CHEPETA WTRCCK	1/01 10.02	2/01 0.70	3/01 1.70	4/01 2.50	5/01 3.60	6/01 1.30	7/01 2.50	10/01 10.01	32.53
CURRENT CREEK	1/06 12.20	1/26 0.90	2/28 1.14	3/30 1.60	4/28 1.93	5/27 1.43	6/15 2.64	9/24 7.38	29.28
E FM BLACKS FM	1/06 10.66	1/31 0.87	3/02 0.73	4/03 3.77	4/28 2.43	5/28 2.21	8/26 1.64	9/25 9.14	31.65
FIVE POINT LM	1/01 18.10	2/01 0.80	3/01 1.80	4/01 1.60	5/01 3.60	6/01 1.60	7/01 1.30	10/01 8.00	36.60
GRIZZLY RIDGE	12/30 11.30	1/09 1.00	2/29 1.75	3/28 2.75	4/30 4.15	5/31 1.65	6/28 3.50	9/26 8.05	34.15
HENRYS FORK								9/19 30.27	
HICKERSON PARK	1/06 7.35	2/02 0.45	3/01 0.81	4/03 3.36	4/28 3.34	5/28 1.39	6/28 1.34	9/26 7.95	25.99
HEWINTA GS	1/06 11.60	1/31 0.95	3/01 0.89	4/03 3.56	4/28 3.15	5/28 2.11	6/26 2.13	9/25 8.42	32.61
INDIAN CANYON	1/06 11.13	1/31 0.49	2/27 1.07	3/31 2.16	4/28 2.16	5/27 1.19	6/14 1.59	9/25 7.62	27.41
JACKSON PARK	1/06 12.37	2/02 0.50	2/29 2.62	4/03 2.96	4/28 4.07	5/28 1.14		9/26 11.84	35.50
KIDNEY LAKES								9/19 36.62	

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED \*)  
 \*: GAGE MOLESTED, DATA FOR THIS PERIOD LOST



# UTAH PRECIPITATION DATA

## 1964 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
KINGS CABIN UP	1/06 10.68	2/01 0.75	3/01 1.51	4/03 3.65	4/28 1.88	5/28 1.41	6/11 3.82	9/26 9.35	33.05
LAKEFORM BASIN	1/01 12.30	2/01 1.00	3/01 1.40	4/01 2.70	5/01 3.30	6/01 2.30	7/01 3.10	10/01 12.40	38.50
LAKEFORM MTN 1	1/06 10.99	2/02 0.40	2/29 1.36	4/02 2.25	4/28 2.22	5/28 1.52	7/10 2.25	9/20 8.00	28.99
LIGHTNING LAKE	1/01 21.40	2/01 1.70	3/01 3.70	4/01 3.80	5/01 5.00	6/01 3.00	7/01 4.10	10/01 14.40	57.10
MOSBY MOUNTAIN	1/07 10.47	2/01 0.65	3/01 1.46	4/03 3.50	4/28 1.81	5/28 1.12	6/27 3.24	9/25 7.55	29.80
PARADISE PARK	1/07 10.63	2/01 0.61	2/29 1.22	4/03 3.13	4/28 2.07	5/28 1.40	6/27 2.90	9/28 10.25	32.21
REYNOLDS PARK								9/19 26.62	
ROCK CREEK	1/06 9.89	2/02 0.40	2/29 1.11	4/02 3.23	4/28 1.53	5/28 1.09	6/11 1.47	9/25 8.30	27.02
SHADOW LAKE								1/5 36.50	
SPIRIT LAKE	1/06 10.10	1/31 0.75	3/01 1.72	4/03 5.28	4/24 4.00	5/28 2.55	6/28 2.20	9/26 11.40	38.00
STEEL CRK PARK	1/01 12.70	2/01 1.20	3/01 1.30	4/01 3.50	5/01 4.60	6/01 2.30	7/01 2.40	10/01 9.50	37.50
TROUT CREEK	1/06 7.33	2/01 0.62	2/29 1.34	4/03 4.01	4/28 2.79	5/28 1.38	6/27 3.26	9/26 11.55	32.28
W FM DUCHESNE							6/27 34.45	9/24 7.45	41.90

### PRICE - SAN RAFAEL RIVER BASIN

BLACKS FLAT-UM	1/04 12.18	1/29 1.03	2/26 1.63	3/27 4.08	4/24 3.79	5/26 1.95	6/28 3.07	10/01 7.10	34.83
BUCKBOARD FLAT	1/03 13.77	1/31 1.45	2/23 1.55	3/28 2.15	4/27 3.55	5/30 1.30	6/27 2.60	9/27 5.45	31.82
BUCK FLAT	1/04 18.95	1/30 1.60	2/26 2.33	3/28 4.30	4/25 3.77	5/26 2.53	7/01 3.80	9/26 6.22	43.50
CAMP JACKSON	1/04 11.38	1/31 1.45	2/23 1.05	3/28 1.45	4/27 3.05	5/30 0.45	6/27 2.15	9/27 8.35	29.33
DILLS CAMP	1/04 15.22	1/29 1.20	2/26 2.16	3/28 3.60	4/24 3.26	5/26 2.05	7/01 3.20	9/26 8.88	39.57
FISH LAKE	1/04 8.60	1/29 0.30	2/26 7.90	3/28 3.80	4/24 2.76	5/26 1.28	6/26 2.77	10/01 5.85	33.26
GOOSEBERRY RES	1/05 21.26	1/31 1.04	2/27 2.82	3/29 3.68	4/25 3.58	5/26 1.53	7/02 6.07	9/27 5.95	45.93
LASAL MTN UP	12/27 13.08	1/30 3.78	2/22 2.15	3/29 4.45	4/27 5.55	5/31 0.65	6/27 4.05	9/25 8.70	42.41
MUD CREEK	1/06 16.51	1/31 0.51	2/27 1.72	3/29 2.24	4/25 3.73	5/27 2.37	7/01 3.69	9/26 5.77	36.54
ORANGE OLSEN	1/05 9.37	1/30 0.41	2/27 0.97	3/29 1.20	4/24 1.88	5/27 0.97	7/01 2.52	9/27 3.35	20.67
RED PINE RIDGE	1/05 21.00	1/30 0.80	2/27 3.20	3/29 4.00	4/24 5.30	5/27 1.70	7/01 4.50	10/01 5.90	46.40
STUART RS OLD	1/05 14.23	1/30 0.40	2/27 1.37	3/29 1.06	4/24 2.81	5/27 2.37	7/01 4.53	9/27 6.00	32.77
WHITE RIVER #1	1/06 14.54	1/31 0.73	2/27 1.37	3/31 2.72	4/28 2.84	5/27 1.32	7/17 2.56	9/26 7.34	33.42
SEELEY CREEK	1/01 13.10	2/01 1.30	3/01 2.50	4/01 4.30	5/01 3.40	6/01 3.00	7/01 7.10	10/01 6.80	41.50

### SEVIER - BEAVER RIVER BASINS

BEAVER DAMS	1/04 18.18	1/30 0.83	2/26 3.89	3/28 4.02	4/25 4.14	5/26 2.11	7/01 2.90	9/30 6.00	42.07
BIG FLAT	1/03 16.84	1/27 1.10	2/24 1.54	3/25 2.78	4/28 6.22	5/25 1.72	6/26 2.33	10/03 9.77	42.30
BOX CREEK	1/03 13.87	1/29 1.15	2/26 2.88	3/25 2.73	4/24 5.95	5/26 1.31	6/26 2.69	9/25 6.06	36.84
CASTLE VALLEY	12/30 12.85	1/28 1.41	2/24 2.77	3/25 2.66	4/27 5.46	5/25 0.41	6/27 0.39	9/26 7.25	31.60
DUCK CREEK	12/30 12.50	1/28 1.37	2/25 1.02	3/25 0.91	4/27 2.87	5/26 0.19	6/28 3.98	9/26 7.13	29.97
FARNSWORTH LK	1/04 14.75	1/29 0.93	2/26 4.92	3/28 8.57	4/24 8.75	5/26 3.42	7/25 4.65	9/25 4.84	50.83
GBRC HEADQTRS	1/05 18.10	1/30 1.11	2/27 4.55	3/29 6.06	4/25 5.56	5/26 2.44	7/01 4.62	10/01 4.84	47.28

NOTE: BLANK SPACES INDICATE NO READING TAKEN, NEXT READING IS CUMULATIVE (EXCEPT AS NOTED \*)  
 \* GAGE MOLESTED, DATA FOR THIS PERIOD LOST



# UTAH PRECIPITATION DATA

1984 WATER YEAR

STATION NAME	OCT.-DEC.	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY-SEPT.	TOTAL
GBRC MAJORS	1/09 11.60	1/30 1.53	2/27 5.36	3/29 5.71	4/25 7.67	6/01 1.30	7/01 2.90	10/01 3.35	
GBRC MEADOWS	1/05 20.25					5/26 3.63	7/01 5.00	10/01 7.45	56.60
GBRC OAKS	1/09 10.85					6/01 13.30	7/01 3.25	10/01 3.40	30.80
GOOSEBERRY RS	1/04 12.88	1/29 0.84	2/26 3.73	3/27 5.16	4/24 6.17	5/26 1.90	6/29 2.92	9/24 6.47	40.07
HARRIS FLAT	1/01 6.30	2/01 0.80	3/01 0.90	4/01 1.40	5/01 0.40	6/01 0.00	7/01 0.40	10/01 5.40	15.60
KIMBERLY MINE	12/29 15.10	1/27 2.12	2/24 3.96	3/25 4.77	4/28 13.58	5/25 1.00	6/26 2.44	10/01 9.80	52.77
MERCHANT VALLEY	1/03 14.83	1/27 0.97	2/24 1.91	3/25 2.86	4/28 5.68	5/25 1.25	6/26 2.86	10/03 95.7	39.93
MIDWAY VALLEY	1/01 13.90	2/01 2.00	3/01 2.20	4/01 3.30	5/01 3.70	6/01 0.10	7/01 1.30	10/01 12.90	39.40
MT BALDY RS	1/04 15.81	1/30 1.50	2/26 3.12	3/28 4.76	4/24 7.35	5/26 1.79	7/01 2.82	9/27 5.47	42.62
OAK CREEK	12/29 16.37	1/26 1.21	2/23 2.14	3/27 4.21	4/28 4.57	5/25 1.40	6/28 2.58	10/03 4.59	40.85
PANGUITCH LAKE	12/30 6.82	1/28 0.72	2/24 1.47	3/25 0.83	4/27 2.70	5/25 0.21	9/26 0.29	9/26 9.80	22.84
PICKLE MEG SPG	1/01 19.30	2/01 1.80	3/01 5.50	4/01 6.40	5/01 9.80	6/01 2.00	7/01 3.10	10/01 6.00	53.90
PINE CREEK	12/29 23.84	1/26 2.00	2/23 7.92	3/25 6.68	4/28 12.60	5/25 0.89	6/28 5.20	10/03 8.92	68.05
REES FLAT	12/29 15.60	1/26 1.23	2/23 2.78	3/27 4.59	4/24 2.28	5/25 2.86	7/02 4.60	9/27 5.15	39.09
SHINGLE MILL	1/03 15.75	1/31 1.00	3/01 5.06	3/28 6.14	4/30 9.50	6/01 0.68	7/01 4.16	10/03 8.17	50.46
WIDSTOE-ESCL 3	12/31 10.05	1/28 0.74	2/25 1.02	3/25 1.41	4/27 4.43	5/26 0.22	6/28 1.08	9/26 8.42	27.37
WAMMOTH-COTTON	1/01 14.90	2/01 .90	3/01 1.80	4/01 2.80	5/01 3.50	6/01 1.40	7/01 4.30	10/01 6.60	36.20

## COAL CREEK - VIRGIN - ESCALANTE RIVER BASINS

MOLOB CRYSTAL	1/01 9.30	2/01 1.50	3/01 2.80	4/01 3.10	5/01 1.90	6/01 1.20	7/01 1.10	10/01 9.90	30.80
LITTLE GRASSY	12/30 9.95	1/27 0.57	2/24 0.73	3/25 0.34	4/27 2.38	5/25 0.06	7/01 0.90	9/27 8.09	23.02
LONG FLAT	12/30 3.88	1/27 0.70	2/24 1.74	3/25 0.86	4/27 4.03	5/25 0.12	7/01 1.00	10/01 8.20	20.53
YALL POLES	12/28 9.90	1/30 1.75	2/27 3.55	3/29 3.30	4/30 5.13	5/31 0.60	6/28 0.85	9/26 9.20	34.28
WEBSTER FLAT	12/30 12.00	1/28 1.99	2/24 3.10	3/25 1.35	4/27 6.47	5/25 1.63	6/27 0.49	9/26 7.18	34.21
YANKEE RESER	12/30 7.85	1/27 1.90	2/24 2.60	3/25 2.05	4/28 1.45	5/25 0.57	6/28 0.75	9/26 8.65	25.82







INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

Number	State	Name	Section	Township	Range	Elevation	Number	State	Name	Section	Township	Range	Elevation
10G11	W	UPPER BEAR RIVER (above Harer, Idaho)	7	27N	117W	8,700	1212	U	JORDAN RIVER & GREAT SALT LAKE	24	4S	4W	6,450
10G17	W	Big Park	19	3N	106E	7,900	1215P	U	Beaver's Cabin	15	4S	4W	7,950
10G18	W	CCC Camp x	9	29N	118W	7,500	1214P	U	Desert Peak	21	1S	3E	7,500
10G19PST	W	Hayden Fork	25	1N	9E	9,400	1213P	U	Lamb's Canyon No. 2	8	4S	3W	7,000
10G20	W	Kelly Ranger Station	24	29N	110E	9,950	1210	U	Middle Canyon	25	1S	2E	6,950
11H12PST	W	Monterey Creek	34	8N	110E	8,950	1211P	U	Mill Creek	30	4S	3W	8,950
10G6	W	Monterey Creek	29	30N	116W	8,500	1211PST	U	Rocky Basin - Settlement Canyon	35	2S	3E	8,725
10G8PST	W	Poison Meadows x	32	29N	118W	7,900	12116P	U	Silver Lake (Brighton)	18	3S	3E	9,700
10G13MP	W	Snyder Basin x	15	29N	115W	8,400	12142	U	Snow Bird (Gad Valley)	21	10S	5W	7,500
10I17P	U	Stillwater Camp	32	2N	10E	8,550	12K1PST	U	Vernon Creek				

LOWER BEAR RIVER (below Harer, Idaho)

11H37PST	U	Bug Lake	18	11N	5E	7,950	12L4PST	U	Box Creek	33	26S	2W	9,300
11G11	U	Christensen Ranch	27	13S	41E	5,600	12M8	U	Byrce Canyon	36	36S	4W	8,000
12H11	U	Christensen Ranch	29	14N	2W	6,300	12M13PST	U	Castle Valley	23	36S	8W	9,580
11G14	U	John River Ranger Station	30	13S	42E	7,900	12M14P	U	Duck Creek R. S.	11	38S	8W	8,700
12G4	U	Dry Creek Flat	31	13S	37E	6,350	11L5PST	U	High Top Mountain	36	25S	1E	11,400
11G6PST	U	Emigrant Summit	21	12S	42E	7,350	11L9P	U	Kimbrey Mine	11	27S	5W	9,800
11G7	U	Emigrant Canyon (mouth)	24	12S	42E	6,500	12M2PST	U	Midway Valley	26	37S	7W	9,800
11G8MPST	U	Garden City Summit	1	16S	41E	8,000	12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
11H7MP	U	Horshoe Basin	14N	1E	3E	7,600	12L5	U	Square Springs	3	27S	2W	9,300
11G15P	U	Horshoe Basin	31	13S	42E	8,000							
11H15P	U	Kondalia Narrows	10	14N	3E	7,400			LOWER SEVIER RIVER (including San Pitch River)				
11G13	U	Liberty Springs	7	13S	42E	8,240	11K13PST	U	Beaver Dam	22	19S	3E	8,000
11H26	U	Little Bear (lower)	16	8N	1E	6,000	11L1PST	U	Farmworth Lake	34	23S	2E	9,600
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550	11K11P	U	G. B. R. C. Headquarters	21	17S	4E	8,700
11G3	U	Shoshone	15	10S	24E	7,225	11L12PST	U	G. B. R. C. Meadows	27	15S	2E	8,000
11H27	U	Sleep Hollow No. 1	7	14N	3E	8,500	11K3MPST	U	Mammoth R. S. - Cottonwood Creek	13	13S	5E	8,800
11H28	U	Sleep Hollow No. 2	9	14N	3E	7,700	11K34	U	Middle Fork	16	18S	4E	9,600
11G9	U	Strawberry Creek	9	13S	41E	5,800	11K12P	U	Mt. Baldy R. S.	19	19S	4E	9,500
11G10	U	Strawberry Mink Divide	14	13S	41E	6,800	12L2P	U	Oak Creek	9	17S	3W	7,760
11H36PST	U	Tony Grove Lake	5	13N	3E	6,250	12L1PST	U	Pack Gap Springs	24	23S	3E	8,700
11H37P	U	Tony Grove Ranger Station	11	13N	3E	6,250	11K36	U	Rain's Flat	20	15S	2E	7,300
11G4P	U	Wallow Flat	2	15S	41E	6,100	12L11P	U	Shingle Mill	5	22S	3W	6,200
							11K35U	U	Thistle Flat	19	18S	3E	8,760

RAFT RIVER

13H2a	U	Clear Creek Meadows	26	14N	14W	9,050			BEAVER RIVER				
13H4P5	U	George Peak	4	13N	14W	7,300	12L13	U	Beaver Race Track	23	29S	7W	6,020
13H5	U	Johnnie Summit	16	14N	14W	7,300	12L7PST	U	Big Flat	7	29S	4W	10,250
13H3a	U	ViPont	17	14N	17W	7,670	12L12PST	U	Merchant's Valley (upper)	8	29S	5W	8,750
							12L8	U	Otter Lake	12	29S	5W	9,600

OGDEN RIVER

11H14M	U	Beaver Creek Shunk Creek	22	8N	3E	7,150			PAROWAN CREEK				
11H8PST	U	Ben Leonard Peak	2	7N	1W	8,000	12M16	U	Birch Crossing	23	35S	9W	8,100
11H30PST	U	Ben Leonard Peak	2	7N	1W	8,000	12M14	U	Brian Head	10	36S	9W	10,000
11H35P	U	Causey Dam	34	7N	3E	5,500	12M15P	U	Tail Poles	26 & 35	35S	9W	8,800
11H14PST	U	Dry Bread Pond	19	6N	4E	8,350	12M11P	U	Yahweh Reservoir	20	35S	8W	8,700
11H34P	U	Guidler's Peak	21	6N	4E	8,050			ENTERPRISE TO NEW HARMONY DRAINAGES				
11H15P	U	Sagebrush Flat	21	7N	3E	6,300	13M4MP	U	Little Grassy Creek	14	38S	18W	6,100
							13M2MPST	U	Long Flat	2	38S	14W	8,000

WEBER RIVER

11J24	U	Beaver Creek R. S.	28	2S	7E	7,500			UPPER GREEN RIVER IN UTAH (above Duchesne River)				
11J1PST	U	Chalk Creek No. 1	4	1N	8E	9,100	9U11AP	U	Ashley Twin Lakes	20	15	19E	10,500
11J2PST	U	Chalk Creek No. 2	29	2N	8E	7,500	10U21P	U	Black's Fork G. S. - E. Fork	25	2N	12E	9,300
11J3MP	U	Chalk Creek No. 3	29	2N	8E	7,500	10U22P	U	Black's Fork Junction	32	1N	12E	9,300
11J45a	U	East Shingle Lake	6	2S	8E	9,750	9U14P	U	Burnt Creek	4	1N	11E	9,700
11J12P	U	Farmington Canyon (lower)	15	3N	1E	6,950	9U13P	U	Grizzly Ridge	8	1S	20E	7,900
11J11PST	U	Farmington Canyon (upper)	23	3N	1E	8,000	10U24P	U	Henry's Fork	29	2N	24E	10,000
11H44P	U	Francis Canyon	29	5N	6E	7,400	10U4P	U	Hewinta G. S.	33	3N	14E	9,500
11J17P	U	Hardyville	22	7N	4E	8,260	9U5P	U	Hickerson Park	33	1N	19E	10,250
11J21PST	U	Killfoot Creek	20	6N	5E	7,300	10U13P	U	Hole-in-the-Rock	21	3N	19E	10,250
11H31	U	Killfoot Creek	20	6N	5E	7,300	10U1	U	Hole-in-the-Rock G.S.	13	2N	15E	9,150
11H32P	U	Lost Creek	27	6N	5E	7,300	10U3	U	King's Cabin (upper)	32	3N	16E	8,300
11H33P	U	Park City Summit	30	2S	4E	9,300	9U1PST	U	Middle Beaver Creek	22	1S	21E	8,730
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500	10U2	U	Reynolds Park	31	3N	16E	8,650
11H50P	U	Pine Canyon	6	3N	7E	8,100	9U10AP	U	Sheridan Park	9	1S	17E	10,300
11H50P	U	Reddin Mine (lower)	25	3N	7E	8,100	10U20PST	U	Shovel Creek	17	2N	13E	10,300
11J6	U	Sargent Lakes	9	1N	6E	8,300	9U16PST	U	Troil Creek	9	15	20E	9,400
11J39P	U	Smith & Morehouse	25	1N	7E	7,600							
11J4PST	U	PROVO RIVER & UTAH LAKE											

PROVO RIVER & UTAH LAKE

11J46PST	U	Barner Creek Divide	25	2S	7E	8,260			LEGEND				
11J20	U	Camp Altamont	29	4S	3E	7,300			Numbering System (example)				
11K21PST	U	Clear Creek Ridge No. 1	18	11S	6E	9,200			10J7	Snow Course Only.			
11K22PST	U	Clear Creek Ridge No. 2	9	11S	6E	8,000			10J7M	Snow Course and Soil Moisture Station.			
11J23P	U	Clear Creek Ridge No. 3	27	12S	3E	7,560			10J7a	Snow Course and Aerial Marker.			
11J27P	U	Dutchman R. S.	27	7S	3E	7,560			10J7MP	Snow Course, Soil Moisture and Precipitation Gage.			
11J22P	U	Hobbs Creek Summit	27	7S	3E	7,560			10J7a	Snow Course, Soil Moisture and Precipitation Gage.			
11J36P	U	Lake Creek	36	4S	6E	9,000			10J7P	Snow Course, Soil Moisture and Precipitation Gage.			
11K1P	U	Plymouth R. S.	30	10S	3E	8,050			10J7P	Storage Precipitation Gage Only.			
11J25P	U	Sagestone R. S.	9	3S	8E	7,800			10J7P	Snow Course and Soil Moisture Station.			
11J19	U	South Fork R. S.	24	4S	2E	6,100			10J7P	Snow Course and Soil Moisture Station.			
11J20PST	U	Timpanogut Divide	33	4S	3E	8,140			10J7P	Snow Course and Soil Moisture Station.			
10J8PST	U	Trail Lake	5	2S	9E	9,960			10J7PST	Snow Data Site.			

UPPER BEAR RIVER (above Harer, Idaho)

10G11	W	UPPER BEAR RIVER (above Harer, Idaho)	7	27N	117W	8,700	1212	U	JORDAN RIVER & GREAT SALT LAKE	24	4S	4W	6,450
10G17	W	Big Park	19	3N	106E	7,900	1215P	U	Beaver's Cabin	15	4S	4W	7,950
10G18	W	CCC Camp x	9	29N	118W	7,500	1214P	U	Desert Peak	21	1S	3E	7,500
10G19PST	W	Hayden Fork	25	1N	9E	9,400	1213P	U	Lamb's Canyon No. 2	8	4S	3W	7,000
10G20	W	Kelly Ranger Station	24	29N	110E	9,950	1210	U	Middle Canyon	25	1S	2E	6,950
11H12PST	W	Monterey Creek	34	8N	110E	8,950	1211P	U	Mill Creek	30	4S	3W	8,950
10G6	W	Monterey Creek	29	30N	116W	8,500	1211PST	U	Rocky Basin - Settlement Canyon	35	2S	3E	8,725
10G8PST	W	Poison Meadows x	32	29N	118W	7,900	12116P	U	Silver Lake (Brighton)	18	3S	3E	9,700
10G13MP	W	Snyder Basin x	15	29N	115W	8,400	12142	U	Snow Bird (Gad Valley)	21	10S	5W	7,500
10I17P	U	Stillwater Camp	32	2N	10E	8,550	12K1PST	U	Vernon Creek				

UPPER BEAR RIVER (below Harer, Idaho)

11H37PST	U	Bug Lake	18	11N	5E	7,950	12L4PST	U	Box Creek	33	26S	2W	9,300
11G11	U	Christensen Ranch	27	13S	41E	5,600	12M8	U	Byrce Canyon	36	36S	4W	8,000
12H11	U	Christensen Ranch	29	14N	2W	6,300	12M13PST	U	Castle Valley	23	36S	8W	9,580
11G14	U	John River Ranger Station	30	13S	42E	7,900	12M14P	U	Duck Creek R. S.	11	38S	8W	8,700
12G4	U	Dry Creek Flat	31	13S	37E	6,350	11L5PST	U	High Top Mountain	36	25S	1E	11,400
11G6PST	U	Emigrant Summit	21	12S	42E	7,350	11L9P	U	Kimbrey Mine	11	27S	5W	9,800
11G7	U	Emigrant Canyon (mouth)	24	12S	42E	6,500	12M2PST	U	Midway Valley	26	37S	7W	9,800
11G8MPST	U	Garden City Summit	1	16S	41E	8,000	12M7P	U	Panguitch Lake	4 & 5	36S	7W	8,200
11H7MP	U	Horshoe Basin	14N	1E	3E	7,600			LOWER SEVIER RIVER (including San Pitch River)				
11G15P	U	Horshoe Basin	31	13S	42E	8,000	11K13PST	U	Beaver Dam	22	19S	3E	8,000
11H15P	U	Kondalia Narrows	10	14N	3E	7,400	11L1PST	U	Farmworth Lake	34	23S	2E	9,600
11G13	U	Liberty Springs	7	13S	42E	8,240	11K11P	U	G. B. R. C. Headquarters	21	17S	4E	8,700
11H26	U	Little Bear (lower)	16	8N	1E	6,000	11L12PST	U	G. B. R. C. Meadows	27	15S	2E	8,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550							
11G3	U	Shoshone	15	10S	24E								



# **Agencies Cooperating in Utah Snow Surveys**

## **U. S. GOVERNMENT AGENCIES**

- U. S. Department of Agriculture
  - Soil Conservation Service
  - Forest Service
- U. S. Department of Commerce
  - NOAA, National Weather Service
- U. S. Department of Interior
  - Bureau of Reclamation
  - Geological Survey
  - National Park Service

## **STATE AGENCIES**

- Utah State University
- Utah State Department of Natural Resources
  - Division of Wildlife Resources
  - Division of Water Resources
  - Division of Water Rights
  - Bear River Commissioner
  - Price River Commissioner
  - Provo River Commissioner
  - Sevier River Commissioners
  - Spanish Fork River Commissioner
  - Utah Lake and Jordan River Commissioner

## **MUNICIPALITIES**

- Manti
- Salt Lake City

## **ORGANIZED PUBLIC AGENCIES**

- Beaver River Water Users Association
- Board of Canal Presidents - Jordan River
- Central Utah Conservancy District
- Emery Canal and Reservoir Company
- Moon Lake Water Users Association
- Ogden River Water Users Association
- Provo River Water Users Association
- Strawberry Water Users Association
- Sevier River Water Users Association
- Weber River Water Users Association
- Weber Basin Conservancy District



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